

CLAIM AMENDMENTS

1 (Currently Amended)

A personnel guidance and location control system for guiding a group of walking pedestrian individuals into a line thereof and controlling movement thereof while advancing toward an end of a line position so that they may reach a destination in advance of that end of the line position, said guidance and location control system comprising:

- a) a ground cover substrate for disposition on a ground surface and having an upper surface thereon;
- b) at least one end of line element associated with said upper surface of said cover substrate and in a fixed location thereon for defining an end of a line position for the group of walking pedestrian individuals and representing a waiting location on said upper surface for the individual at the front end of the line so that each of the individuals may reach that end of the line position and thereafter proceed to a destination ~~in advance of~~ beyond the end of the line in an orderly and successive manner;
- c) a pair of discrete path forming guidance members associated with said upper surface of said cover substrate and on opposite sides of said substrate and in a fixed location thereon relative to the end of line element and extending from regions in

proximity to opposite ends of the end of line element initially generally perpendicular to the end of the line element to form parallel pathway boundaries in a desired orientation which define a pathway of movement for the group of individuals;

- d) a plurality of movement indicator elements on said pathway of movement between the spaced apart pathway boundaries and being presented in such manner to suggest that the individuals in the line walk in the pedestrian pathway and to depict the direction of movement in that pathway so that the individuals move to the end of the line position, said movement indicator elements cooperating with the path forming members to present a desired pathway and a direction of movement to an end of a line position and to a destination ~~in advance of~~ beyond that end of the line position, said upper surface of said substrate being relatively free of elements which would obstruct the prominence of the end of the line element and the lines of path forming guidance members and the plurality of movement indicator elements so that the pathway is not visually obstructed, said pathway being visibly prominent so that the individuals desiring to reach

- a destination will be automatically induced to enter the pathway of movement in an orderly manner;
- e) the width of the pathway being sufficiently narrow so that individuals in the pathway will not be inclined to walk in front of an individual who precedes them providing for an orderly movement of the individuals to a destination ~~in advance of~~ beyond the end of the line element and also in advance of the end of the pathway, the end of the line element being spaced from said destination so that there is no crowding of individuals at or around that destination;
- f) means associated with said end of line element and path forming members for locating same with the cover substrate, whereby the ground cover substrate and end of line element and path forming members associated with said substrate can appear on the upper surface of the ground cover substrate presenting a desired pattern to enable the orderly and controlled movement of a group of walking pedestrian individuals into one or more lines of same to a destination; and
- g) whereby the guidance and location system constitutes a complete and self-contained system which is sufficient to induce pedestrian personnel to enter

into the pathway and to follow the pathway defined by the relatively confined path forming members and which is a complete guidance and location control system immediately installable and relatively light in weight for easy transportability, said mat of said system also being usable in confined locations where other guidance and location control systems would not be adaptable and which also does not constitute an interference for unambulatory individuals allowing them to use the system and further does not constitute a visual obstruction, thereby effectively and efficiently controlling movement of a large number of pedestrian individuals.

2 (Original)

The personnel guidance and location control system of Claim 1 further characterized in that the end of the line element is an elongate element and indicia is provided on the upper surface of the elongate element.

3 (Previously Amended)

The personnel guidance and location control system of Claim 1 further characterized in that the means for locating comprises a fastening means associated with the underside of the end of line

element and with the path forming members each comprising a plurality of path forming elements and the underside of the small discrete path forming elements having means for securing same to said ground cover substrate.

4 (Original)

The personnel guidance and location control system of Claim 3 further characterized in that the fastening means associated with the underside of the end of the line element and the small discrete path forming elements is an adhesive strip.

5 (Original)

The personnel guidance and location control system of Claim 3 further characterized in that the fastening means associated with the underside of the end of the line element and the small discrete path forming elements is a downwardly projecting screw.

6 (Previously Amended)

The personnel guidance and location control system of Claim 1 further characterized in that said end of the line element and the path forming members are fitted into recesses formed in the ground cover substrate for holding same and have surfaces at the surfaces of the substrate.

7 (Previously Amended)

The personnel guidance and location control system of Claim 1 further characterized in that the substrate is a carpeting material and the end of the line element and the path forming members are formed integrally in said substrate and appear at the upper surface of the substrate.

8 (Previously Amended)

The personnel guidance and location control system of Claim 1 further characterized in that the end of the line element and the path forming members are painted onto said upper surface of said substrate.

9 (Previously Presented)

The personnel guidance and location control system of Claim 1 comprising a plurality of said substrates, and means is associated with each of said substrates enabling said substrates to be arranged relative to one another with an end of one substrate abutted against or closely spaced to an end of a next adjacent substrate to form a desired orientation for that pathway and to remain in the desired pattern orientation and where the orientation of the pathway can account for and guide the pedestrian individuals to avoid fixed obstructions in the existing environment

10-21 (Cancelled)

22 (Currently Amended)

A personnel guidance and location control system for guiding a group of pedestrian individuals into a pedestrian pathway and controlling movement thereof and to an activity at the end of that pathway, said guidance and location control system comprising:

- a) at least one ground cover substrate for disposition on a ground surface;
- b) at least one elongate element associated with said cover substrate for securement at a fixed location for defining an end of a line of the group of pedestrian individuals and representing a waiting location for the individual at the front end of the group of pedestrian individuals in the line and where each of the individuals may wait their turn at the elongate member until they are ready to be received at the destination, so that the individuals may proceed to the destination ~~in advance of~~ beyond the front end of the line in an orderly and successive manner;
- c) a pair of rows of path forming members associated with said ground cover substrate in fixed locations relative to the elongate element and extending from opposite ends of the elongate element creating a

pair of spaced apart pathway boundaries to define the pedestrian pathway of movement for the group of individuals;

- d) said pathway being of a width sufficient to receive a line of individuals and arranged to guide the group of individuals to the end of the line position and being arranged to conform to an existing environment for optimum placement of a group of pedestrian individuals the pathway boundaries defining the boundaries of movement to the side for each of the individuals in the group allowing each of the individuals to await their turn in the pathway to reach the end of the line position and then leave that end of the line position for the destination ~~in advance of~~ beyond but in proximity to the end of the line position;
- e) a plurality of movement indicator elements on said pathway between the spaced apart pathway boundaries and being presented in such manner to suggest that the individuals in the line walk in the pedestrian pathway and to depict the direction of movement in that pathway so that the individuals move to the end of the line position, said movement indicator elements cooperating with the path forming members to present a desired pathway and providing a

direction of movement to an end of a line position and to a destination ~~in advance of~~ beyond that end of the line position;

- f) means associated with said elongate element and said path forming members for locating same with the ground cover substrate, whereby the ground cover substrate and elongate element and path forming members can be located on the ground surface and arranged in a desired orientation to conform to an existing environment so as to optimize use of pedestrian walking space in that existing environment, the small discrete elements thereby presenting a desired pattern to enable the orderly and controlled movement of a group of pedestrian individuals into one or more lines of same to a destination; and
- g) whereby the guidance and location control system constitutes a complete and self-contained system which is sufficient to induce pedestrian personnel to enter into the pathway and to follow the pathway defined by the relatively confined path forming members and which constitutes a complete guidance and location control system immediately installable and relatively light in weight for easy transportability, said mat of said system also being

usable in confined locations where other guidance and location control systems would not be adaptable and which also does not constitute an interference for unambulatory individuals allowing them to use the system and further does not constitute a visual obstruction, thereby effectively and efficiently controlling movement of a large number of pedestrian individuals.

23 (Previously Amended)

The personnel guidance and location control system of Claim 22 further characterized in that said path forming members extend from regions in proximity to opposite ends of the elongate element and are arranged at a width less than the width of a conventional passenger automobile.

24 (Previously Presented)

The personnel guidance and location control system of Claim 22 further characterized in that indicia is provided on the upper surface of the elongate element.

25 (Previously Amended)

The personnel guidance and location control system of Claim 22 further characterized in that fastening means is associated with the underside of the elongate element and with the underside of the path

forming members, and that the fastening means comprises a downwardly projecting threaded member.

26 (Previously Amended)

The personnel guidance and location control system of Claim 22 further characterized in that fastening means is associated with the underside of the elongate element and the path forming members, and that the fastening means is an adhesive strip.

27 (Previously Amended)

The personnel guidance and location control system of Claim 22 further characterized in that said path forming members and elongate member and the pathway defined thereby being sufficiently low to said ground surface that they do not constitute barriers to individuals with ambulatory disabilities or in wheelchairs, such that wheelchairs can easily ride over the discrete members and the elongate member and individuals with ambulatory disabilities can readily walk over such path forming members and elongate member.

28 (Previously Presented)

The personnel guidance and location control system of Claim 27 further characterized in that said pathway is also arranged to conform to an existing environment for optimum placement of the group of pedestrian individuals to maximize optimum use of space and to avoid pedestrian traffic congestion and which substrate and the

elements can be relocated to another position pursuant to need therefor.

29 (Previously Presented)

The personnel guidance and location control system of Claim 27 further characterized in that said ground cover substrates have end margins on said substrates so that one substrate is capable of being arranged in abutting relationship with another substrate to form a desired pattern to thereby generate a selected pathway for the group of individuals.

30 (Previously Presented)

The personnel guidance and location control system of Claim 27 further characterized in that said end of the line element is located on a substrate which is spaced slightly apart from an end of the other substrates to represent an end of the line position, but which is cooperatively located with respect to such other substrates to identify an end of the pathway.

31 (Cancel)

~~The personnel guidance and location control system of Claim 22~~
5 ~~further characterized in that the path-forming members each comprise~~
~~a plurality of small discrete path-forming elements and extend from~~
~~regions in proximity to opposite ends of the end of the line~~
~~element.~~

A method for guiding a group of walking pedestrian individuals into a line thereof and controlling movement thereof while advancing toward an end of a line position so that they may reach a destination in advance of that end of the line position, said method comprising:

- a) providing a ground cover substrate for disposition on a ground surface and having an upper surface thereon;
- b) defining an end of a line position for the group of walking pedestrian individuals and representing a waiting location on said upper surface for the individual at the front end of the line so that each of the individuals may reach that end of the line position and thereafter proceed to a destination in advance of the end of the line in an orderly and successive manner by providing an end of the line element associated with said upper surface of said cover substrate and in a fixed location thereon;
- c) defining a pathway of movement for the pedestrian individuals and defining side margins of that pathway with a pair of discrete path forming guidance members on said upper surface of said cover substrate and on opposite sides of said substrate and in a fixed location thereon relative to the end

of line element and extending from regions in proximity to opposite ends of the end of line element and generally perpendicular to the end of the line element;

5 d) a plurality of movement indicator elements on said pathway of movement between the spaced apart pathway boundaries and being presented in such manner to suggest that the individuals in the line walk in the pedestrian pathway with movement indicator elements
10 cooperating with the path forming members to present a desired pathway and a direction of movement to the end of a line position;

e) inducing the individuals to enter into said pathway by maintaining the pathway relatively free of
15 elements which would obstruct the prominence of the end of the line element and the lines of path forming guidance members and the plurality of movement indicator elements and the plurality of movement indicator elements and by having said
20 pathway visibly prominent;

f) maintaining the width of the pathway sufficiently narrow so that individuals in the pathway will not be inclined to walk in front of an individual who precedes them providing for an orderly movement of
25 the individuals to a destination in advance of the

end of the line element and also in advance of the end of the pathway;

- g) placing the end of the line element sufficiently spaced from said destination so that there is no crowding of individuals at or around that destination; and
- h) whereby the method is complete and self-contained and sufficient to induce pedestrian personnel to enter into the pathway and to follow the pathway.